

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 8-18-04 Signature: Crena Soldano  
(Crena Soldano)



DOCKET No.: COTH-P01-002  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Chan et al.

Application No.: 10/676873

Confirmation No.: 7993

Filed: September 30, 2003

Art Unit: 1631

For: METHODS OF ENGINEERING SPATIALLY  
CONSERVED MOTIFS IN POLYPEPTIDES

Examiner: Not Yet Assigned

### TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This substitute Sequence Listing is submitted in response to the Notification of Detective Response mailed from the Patent Office on June 15, 2004. A copy of the Notification is attached.

Transmitted herewith is a copy of a Substitute Sequence Listing in paper form (3 sheets) comprising SEQ ID NOS: 1-4 for the above-identified patent application as required by 37 C.F.R. 1.825(a) and 1.821(c), and a copy of the Substitute Sequence Listing in computer readable form as required by 37 C.F.R. 1.825(b) and 1.821(e). Please replace the Sequence Listing filed on April 4, 2004, with the attached Substitute Sequence Listing.

As required by 37 C.F.R. 1.825(b), Applicants' Attorney hereby states that the contents of the Substitute Sequence Listing in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. 1.825(a), also states that the submission includes no new matter.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. COTH-P01-002.

Dated: August 16, 2004

Respectfully submitted,

By \_\_\_\_\_  
Yu Lu

Registration No.: 50,306  
ROPES & GRAY LLP  
One International Place  
Boston, Massachusetts 02110-2624  
(617) 951-7000  
(617) 951-7050 (Fax)  
Attorneys/Agents For Applicant